

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (Our Case No. 15149US02)

In The Application Of:) Certificate of Mailing			
Sathish Kumar et al.	I hereby certify that this paper is being deposited with the United States Postal			
Serial No.: 10/737,358	Service as first class mail, postage prepaid, in an envelope addressed to: Office of			
Filed: December 16, 2003) Initial Patent Examination, Filing Receipt) Corrections, P.O. Box 1450, Alexandria,			
For: SCHMOO RUNTIME REDUCTION AND DYNAMIC CALIBRATION BASED ON A DLL LOCK VALUE	VA 22313-1450, on this date: 47/04			
Examiner: Not assigned				
Group Art Unit: 2186	Mirut P. Dalal Reg. No. 44,052			
Confirmation No.: 6015) Attorney for Applicants)			

REQUEST FOR A CORRECTED FILING RECEIPT

Commissioner for Patents Office of Initial Patent Examination Filing Receipt Corrections P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants respectfully request that the filing receipt for the above-identified case be corrected as follows:

In the section entitled "Domestic Priority data as claimed by applicant", please delete the priority application information as shown below in bold:

This appln claims benefit of 60/485,597 07/08/2003

The above patent application is merely referenced as indicated on page 1 of the present patent application (copy enclosed). Therefore, the above application should <u>not</u> be included in "Domestic Priority data as claimed by applicant."

In the section entitled "Domestic Priority data as claimed by applicant", please insert the priority application information as shown below in bold:

-- This appln claims benefit of 60/516,777 11/03/2003--.

A copy of the Official Filing Receipt reflecting all changes in red and a copy of the Preliminary Amendment being filed consecutively are enclosed.

A corrected filing receipt is respectfully requested.

In the event that any additional fees are required for the filing of this response, the Commissioner is hereby authorized to charge any fees which may be required as a result of filing this paper to Deposit Account No. 13-0017 in the name of McAndrews, Held & Malloy, Ltd.

Respectfully submitted, McANDREWS, HELD & MALLOY, LTD.

Date:

 $\mathbf{R}_{\mathbf{V}}$

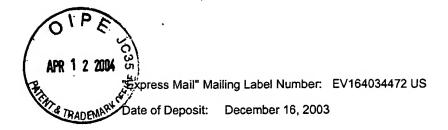
Mirut P. Dalal

Reg. No. 44,052

Attorney for Applicants

McANDREWS, HELD & MALLOY, LTD. 500 West Madison Street, 34th Floor

Chicago, Illinois 60661 Telephone: (312) 775-8000 Facsimile: (312)775-8100





Attorney Docket No.15149US02

SCHMOO RUNTIME REDUCTION AND DYNAMIC CALIBRATION BASED ON A DLL LOCK VALUE

RELATED APPLICATIONS

[01] This application makes reference to, claims priority to, and claims the benefit of United States Provisional Patent Application (attorney docket number 15149US01) filed on November 3, 2003, entitled "Setting Numerically Controlled Delay Lock Loops Using Step Sizes Based on Delay," the complete subject matter of which is hereby incorporated herein by reference, in its entirety.

[02] This application makes reference to United States Provisional Patent Application 60/485,597 (attorney docket number 15072US01) filed on July 8, 2003, entitled "Scheme for Optimal Settings of DDR Interface," the complete subject matter of which is hereby incorporated herein by reference, in its entirety.

FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

[03] [Not Applicable]

[MICROFICHE/COPYRIGHT REFERENCE]

[04] [Not Applicable]

BACKGROUND OF THE INVENTION

[05] Signal timing is a critical aspect of high-speed digital circuit design. Reading data from memory and writing data to memory can be erroneous if control signals are not in sync with each other. In high frequency digital design, control signals can go out of sync due to different length of tracks they traverse on PCB, physical





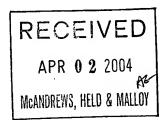
United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERC United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Dox 1450 Alexandris, Virginia 22313-1450

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/737 358	12/16/2003	2186	878	15149US02	6	26	2

CONFIRMATION NO. 6015

Mirut P. Dalal, Esq. McAndrews, Held & Malloy, Ltd. 34th Floor 500 West Madison Street Chicago, IL 60010



FILING RECEIPT

OC000000012208595

Date Mailed: 03/29/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Sathish Kumar, Bangalore, INDIA; Kenneth Kindsfater, Laguna Niguel, CA; Lionel D'Luna, Irvine, CA; Lakshmanan Ramakrishnan, Bangalore, INDIA; Anand Pande, Bangalore, INDIA;

Domestic Priority data as claimed by applicant

This applin claims benefit of 60/485,597 07/08/2003

This applin claims benefit of 60/516,777 11/03/2003

Foreign Applications

If Required, Foreign Filing License Granted: 03/26/2004

Projected Publication Date: To Be Determined - pending completion of Corrected Papers

Non-Publication Request: No

Early Publication Request: No

Title

Schmoo runtime reduction and dynamic calibration based on a DLL lock value

Preliminary Class

711

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).